

UK pest status report for *Tetranychus evansi*

Field	Detail
Pest species name	<i>Tetranychus evansi</i> Baker & Pritchard, 1960
Pest taxon (order, family)	Arachnida: Acari: Trombidiformes: Tetranychidae
Synonyms	<i>Tetranychus takafujii</i> Ehara & Ohashi, 2002
Pest common name	Tomato red spider mite
Regulatory status	Great Britain: Provisional quarantine pest Northern Ireland: Not regulated
Pest status in UK (as per ISPM 8¹)	Absent: pest not recorded There were 21 UK interceptions between 2005 and 2012 and all were associated with aubergine (<i>Solanum melongena</i>) fruit imported from Africa
Global distribution	Africa: Algeria; Benin; Burkina Faso; Congo; Democratic Republic of Congo; Gambia; Kenya; Malawi; Mauritius; Morocco; Mozambique; Namibia; Niger; Reunion; Senegal; Somalia; South Africa; Tanzania; Tunisia; Zambia; Zimbabwe. South and Central America: Argentina; Brazil; Dominican Republic; Puerto Rico; North America: United States of America; Virgin Islands (US). Asia: China Israel; Japan; Saudi Arabia; Syria; Taiwan; Europe: France; Greece; Italy; Portugal (inc. Madeira); Serbia; Spain (inc. Islas Canarias); Türkiye; Oceania: Australia, New Zealand.
Main hosts	Members of the family Solanaceae, and especially tomato (<i>Solanum lycopersicum</i>), aubergine and potato (<i>Solanum tuberosum</i>), but quite polyphagous and to date recorded from 129 hosts in 33 plant families.
Likelihood for establishment in UK	Likely in protected cultivation, i.e. under glass. Very unlikely outdoors.

Website(s)	https://www1.montpellier.inrae.fr/CBGP/spmweb/notespecies.php?id=882 https://gd.eppo.int/taxon/TETREV/hosts https://www.cabidigitallibrary.org/doi/10.1079/cabicompendium.53343 https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/viewPestRisks.cfm?cslref=18786
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References

MacLeod, 2005. Pest Risk Analysis for *Tetranychus evansi*.

<https://planthealthportal.defra.gov.uk/pests-and-diseases/uk-plant-health-risk-register/downloadExternalPra.cfm?id=3921> (accessed 8 Dec 2022)

¹ International Standard for Phytosanitary Measures (ISPM) 8 Determination of pest status in an area: <https://www.fao.org/3/x2968e/x2968e.pdf>